FLIP-CHIP IMAGE SENSOR PACKAGES AND METHODS OF FABRICATION Inventor(s): Larry D. Kinsman Serial No.: Not Yet Assigned Docket No.: 5347.2US

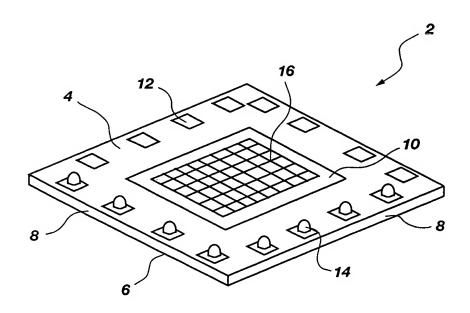


FIG. 1

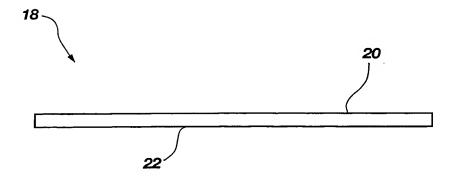


FIG. 2

FLIP-CHIP IMAGE SENSOR PACKAGES AND METHODS OF FABRICATION Inventor(s): Larry D. Kinsman

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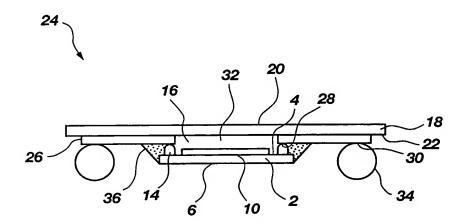


FIG. 3

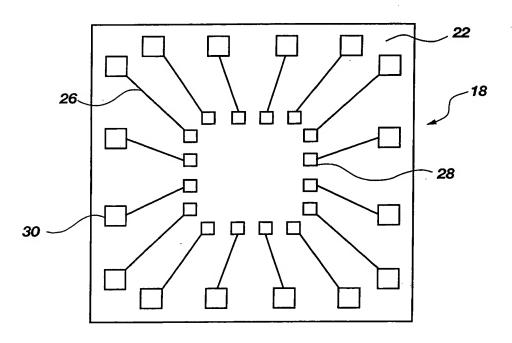


FIG. 4

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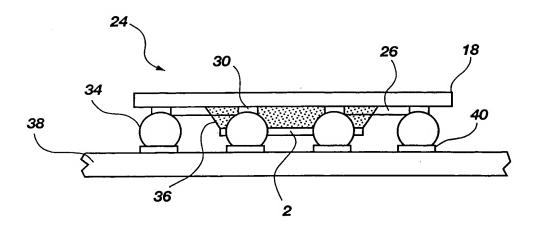


FIG. 5

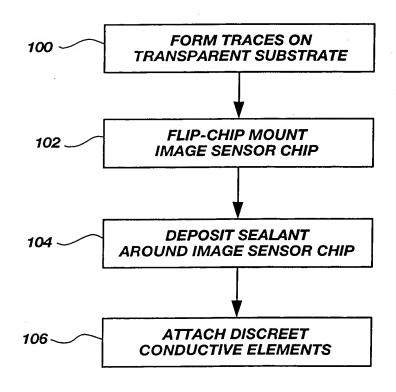


FIG. 6

FLIP-CHIP IMAGE SENSOR PACKAGES
AND METHODS OF FABRICATION
Inventor(s): Larry D. Kinsman

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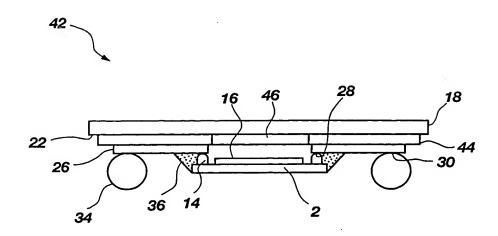


FIG. 7

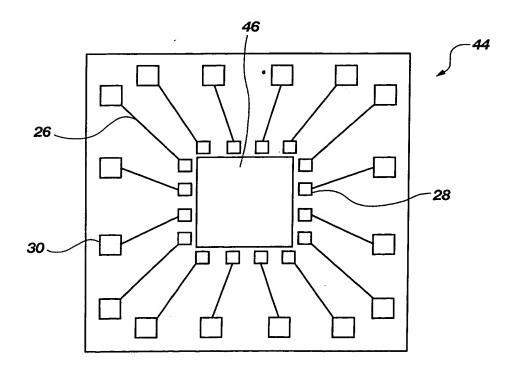


FIG. 8

FLIP-CHIP IMAGE SENSOR PACKAGES AND METHODS OF FABRICATION Inventor(s): Larry D. Kinsman Serial No.: Not Yet Assigned

Docket No.: 5347.2US

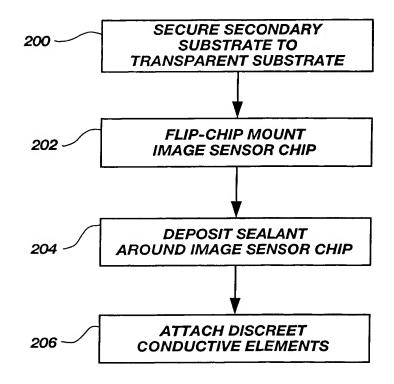


FIG. 9

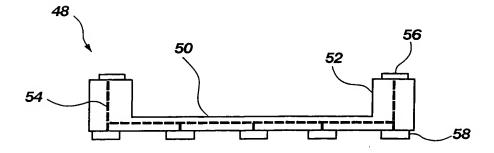


FIG. 10

Inventor(s): Larry D. Kinsman Serial No.: Not Yet Assigned Docket No.: 5347.2US



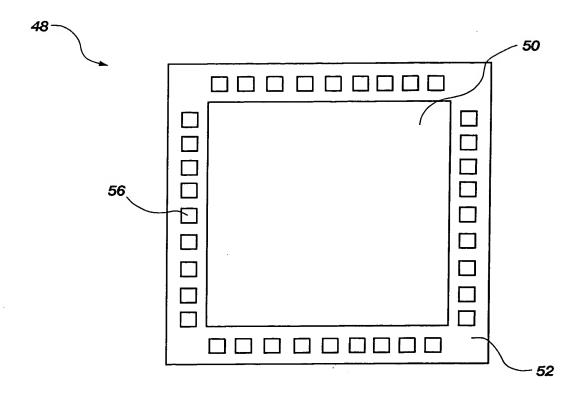


FIG. 11

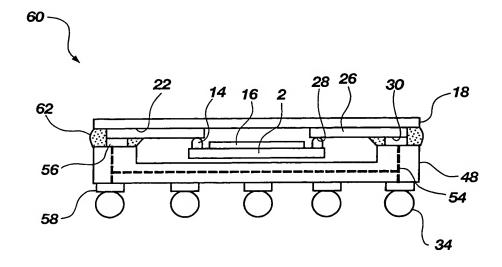


FIG. 12

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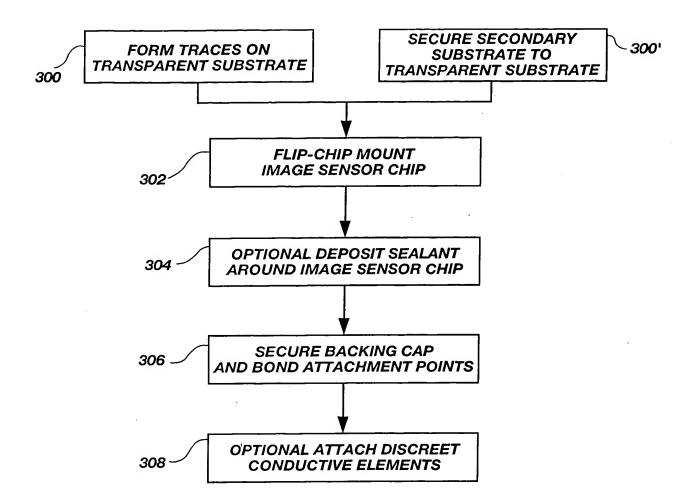


FIG. 13

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FLIP-CHIP IMAGE SENSOR PACKAGES AND METHODS OF FABRICATION Inventor(s): Larry D. Kinsman Serial No.: Not Yet Assigned Docket No.: 5347.2US

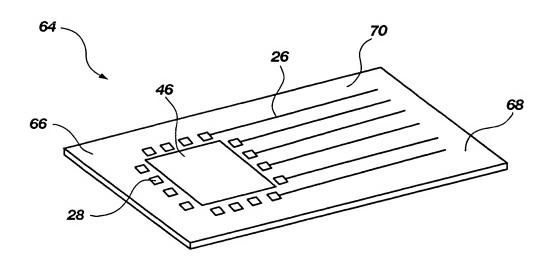


FIG. 14A

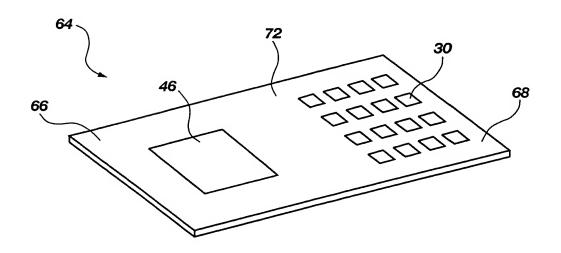


FIG. 14B

Inventor(s): Larry D. Kinsman Serial No.: Not Yet Assigned Docket No.: 5347.2US

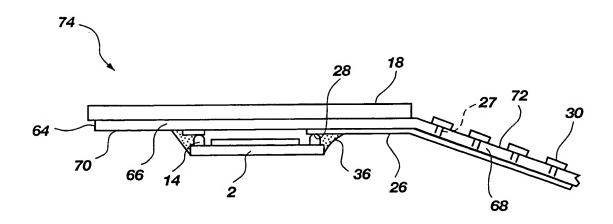


FIG. 15A

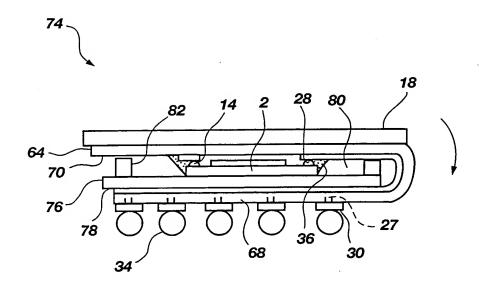


FIG. 15B

FLIP-CHIP IMAGE SENSOR PACKAGES AND METHODS OF FABRICATION Inventor(s): Larry D. Kinsman Serial No.: Not Yet Assigned

Docket No.: 5347.2US

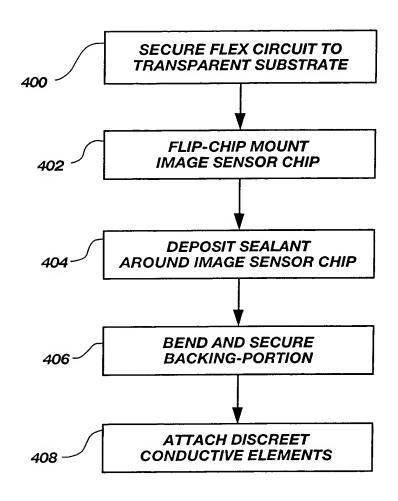


FIG. 16